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NEW SOUTH WALES

STATISTICAL REGISTER

MINING



1962

K. DAVISON

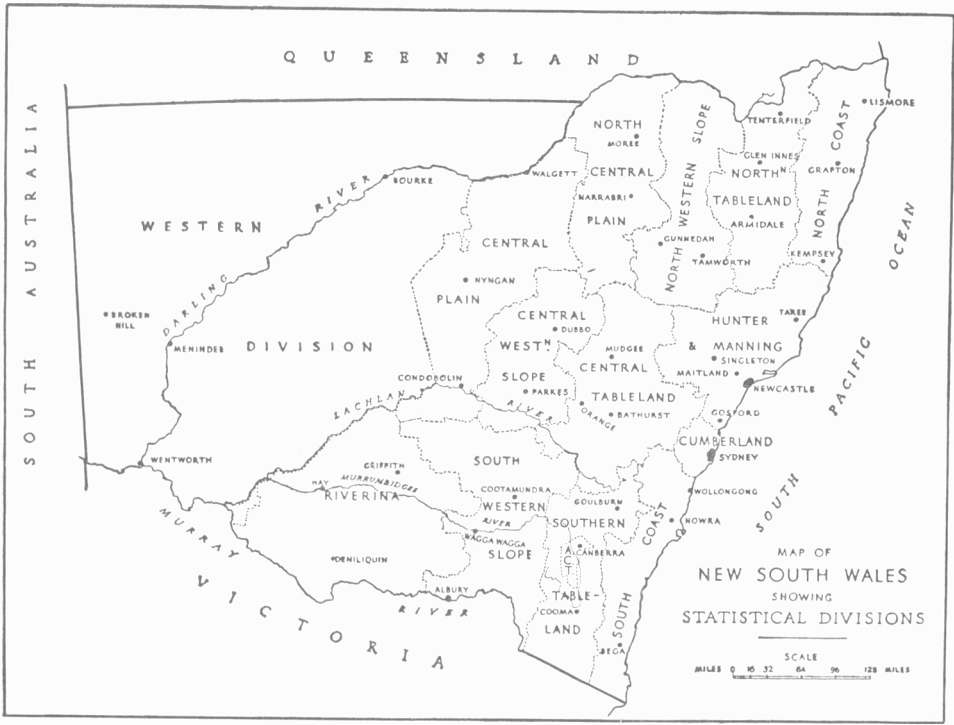
DEPUTY COMMONWEALTH STATISTICIAN

AND

GOVERNMENT STATISTICIAN OF NEW SOUTH WALES

MINING

1962



PREFACE

This issue of the *Mining Part of the Statistical Register of New South Wales* contains statistics for 1962 and earlier years.

The statistics given in this publication should be read in conjunction with the *Official Year Book of New South Wales*. For the most recent statistics, the reader should refer to other publications of the Bureau, particularly the *Statistical Bulletin* and the *Monthly Summary of Business Statistics*.

My thanks are tendered to the responsible officers of the various State and Commonwealth authorities and to others who have supplied information, often at considerable trouble.

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25th November, 1963.

MINING

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MINING STATISTICS

EXPLANATORY NOTES

1. For statistical purposes, the mining industries are defined to cover not only the actual mining or quarrying operations, but also crushing and ore dressing operations carried out in treatment works situated at or near a mine or quarry. The screening and washing of coal are included in mining activity when undertaken at a mine or at plants centrally situated to serve a number of mines in the locality. However, the refining of metals and the processing of raw materials (in the manufacture of such products as coke, bricks, and portland cement) are classified as factory activity, whether or not the works are situated in the locality of the mine or quarry.
 2. In accordance with this definition, the minerals produced are recorded in the form in which they are despatched from the working. For example, a metallic mineral is recorded as an ore if untreated before despatch, and as a concentrate if ore dressing operations are undertaken at or about the mine.
 3. The minerals are classified into four major groups:—
 - metallic minerals;
 - fuel minerals;
 - non-metallic minerals; and
 - construction materials.
 4. In Tables 1 to 6, each mine or quarry has been classified to an industry in accordance with its principal product, and all employment, products, and other particulars of the mine or quarry have been attributed to that industry. The value of output shown in these Tables for a particular industry or group of industries is therefore the value of all the products of the mines and quarries classified to that industry or group.
 5. Revised methods of preparing statistics were adopted in 1950 for all mining industries except the coal mining industry, in accordance with a plan for the preparation of mining statistics on a uniform basis in all Australian States and Territories. Statistics relating to employment and the quantity and value of mineral products are available on the new basis only from 1950, and those relating to wages, value of plant, materials used, etc., are available only from 1952. These statistics are not comparable with those previously published for earlier years.
 6. Oil search operations are not regarded as a mining activity.
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No. 1. Summary of Mining Operations*, 1956 to 1962

Year	No. of Mines Worked	Average Number of Persons Employed †	Salaries and Wages Paid ‡	Fixed Assets of Mines		Materials and Fuel Used	Explosives Sold to Employees	Value of Output
				Additions and Replacements During Year	Value at End of Year ¶			
£ £ £ £ £								
Silver-Lead-Zinc Mining								
1956	26	6,803	11,684,684	1,237,822	15,556,971	6,843,129	155,520	34,104,092
1957	28	6,717	11,232,129	1,132,007	15,241,306	7,015,557	160,664	26,820,317
1958	13	6,234	8,985,969	977,541	14,893,717	5,666,500	138,779	19,093,042
1959	13	5,607	8,369,054	882,851	14,491,597	5,257,715	124,586	20,946,648
1960	15	5,357	8,609,640	924,730	19,005,472	5,569,296	120,147	21,929,236
1961	14	5,186	8,379,636	1,030,228	19,066,970	5,265,669	104,149	17,706,487
1962	11	4,826	7,405,003	921,177	19,174,355	4,399,344	94,051	17,554,951
Other Metallic Mining								
1956	134	1,417	1,202,382	1,329,154	1,949,421	999,918	1,800	5,806,716
1957	124	1,730	1,526,810	1,325,877	2,928,396	1,392,988	1,660	7,052,960
1958	135	1,158	989,591	300,359	2,419,708	683,296	2,805	3,394,627
1959	153	991	843,195	411,480	1,969,354	694,156	2,664	2,995,855
1960	174	1,040	946,317	369,645	1,960,955	962,262	434	3,088,350
1961	173	1,081	1,030,013	612,923	2,021,297	1,047,115	...	3,413,217
1962	152	1,322	1,308,360	2,673,686	4,657,061	1,041,266	...	3,518,753
Total, Metallic Mining								
1956	160	8,220	12,887,066	2,566,976	17,506,392	7,843,047	157,320	39,910,808
1957	152	8,447	12,758,939	2,457,884	18,169,702	8,408,545	162,324	33,873,277
1958	148	7,392	9,975,560	1,277,900	17,313,425	6,349,796	141,584	22,487,669
1959	166	6,598	9,212,249	1,294,331	16,460,951	5,951,871	127,250	23,942,503
1960	189	6,397	9,555,957	1,294,375	20,966,427	6,531,558	120,581	25,017,586
1961	187	6,267	9,409,649	1,643,151	21,088,267	6,312,784	104,149	21,119,704
1962	163	6,148	8,713,363	3,594,863	23,831,416	5,440,610	94,051	21,073,704
Coal Mining								
1956	130	17,918	19,374,690	5,608,761	23,037,932	8,089,973	86,403	40,637,278
1957	129	16,622	18,608,261	8,131,909	26,047,474	7,924,912	80,369	40,449,802
1958	117	15,463	18,357,355	7,166,950	27,883,127	8,358,314	62,788	39,979,194
1959	115	13,445	17,251,614	6,609,700	30,464,223	7,959,357	30,412	37,436,654
1960	114	13,279	19,250,314	9,253,509	32,705,755	9,034,201	26,907	42,676,951
1961	107	12,512	19,403,231	8,846,114	41,808,222 ¶	1,0310,511	18,187	45,112,393
1962	100	11,998	18,805,857	9,210,994	43,381,324	11,044,301	15,021	47,033,829§
Non-metallic Mining (Excluding Clays)								
1956	96	654	564,271	138,135	1,098,593	437,075	...	1,570,803
1957	106	674	640,545	290,026	1,432,451	519,964	...	1,784,706
1958	131	683	618,036	348,961	1,405,377	534,688	...	1,866,759
1959	119	667	587,531	196,519	1,350,175	479,915	466	1,801,465
1960	123	664	634,762	136,008	1,254,705	490,869	...	1,868,006
1961	170	810	758,277	480,267	1,424,439	527,890	...	2,260,162
1962	175	813	705,707	116,717	1,367,237	504,908	...	2,125,287
Total *								
1956	386	26,792	32,826,027	8,313,872	41,642,917	16,370,095	243,723	82,118,889
1957	387	25,743	32,007,745	10,879,819	45,649,627	16,853,421	242,693	76,107,785
1958	396	23,538	28,950,951	8,793,811	46,601,929	15,242,798	204,372	64,333,622
1959	400	20,710	27,051,394	8,100,550	48,275,349	14,391,143	158,128	63,180,622
1960	426	20,340	29,441,033	10,683,892	54,926,887	16,056,628	147,488	69,562,543
1961	464	19,589	29,571,157	10,969,532	64,320,928 ¶	17,151,185	122,336	68,492,259
1962	438	18,959	28,224,927	12,922,574	68,579,977	16,989,819	109,072	70,232,820§

* Excludes clay pits and quarries winning construction materials, which, in 1962, had an average employment of 406 and 1,776, respectively, and a value of output of £1,109,644 and £8,871,131, respectively.
† For coal mining, average during whole year; for other mining, average during period of operation. Includes working proprietors, but excludes fossickers.
‡ Before deducting the value of explosives sold to employees; excludes drawings by working proprietors.
¶ Depreciated book values. Figures for 1961 were affected by a substantial revaluation of assets at certain coal mines.
§ Not strictly comparable with earlier years because of a revised method of valuation at certain coal mines (which increased values for 1962 by approximately £2,000,000).

No. 2. Value of Materials and Fuel Used in Mines*, 1956 to 1962

Year and Class of Mining				Fuel and Power Used					Stores and Materials Used			
				Coal	Oil and Petrol	Electricity	Other	Total Fuel and Power	Mining Timber	Explosives †	Other	Total Stores and Materials
				£	£	£	£	£	£	£	£	£
1956	337,578	296,075	3,040,890	412,576	4,087,119	2,515,467	1,027,560	8,739,949	12,282,976
1957	263,100	356,202	3,256,342	422,786	4,298,430	2,550,494	983,819	9,020,678	12,554,991
1958	231,113	251,508	3,121,800	340,634	3,945,055	2,350,177	1,073,794	7,873,772	11,297,743
1959	185,609	215,458	2,978,642	261,779	3,641,488	2,124,464	959,988	7,665,203	10,749,655
1960	161,492	230,685	3,203,843	257,065	3,853,085	2,352,048	926,233	8,925,262	12,203,543
1961	147,814	284,886	3,287,281	224,016	3,943,997	2,241,013	872,864	10,093,311	13,207,188
1962—												
Silver-Lead-Zinc	15,557	1,030,556	192,530	1,238,643	1,034,098	89,951	2,036,652	3,160,701
Other Metallic	9,151	98,325	277,230	18,820	403,526	2,916	6,518	628,306	637,740
Coal	104,977	80,766	2,068,697	234	2,254,674	1,287,189	594,532	6,907,906	8,789,627
Non-metallic	8,199	60,720	43,383	817	113,119	1,163	77,477	313,149	391,789
Total	122,327	255,368	3,419,866	212,401	4,009,962	2,325,366	768,478	9,886,013	12,979,857

* See note *, Table 1.
† Excludes value of explosives sold to employees. See Table 1.

No. 3. Fixed Assets of Mines*, 1957 to 1962

Year	Additions and Replacements During the Year				Value at End of Year †			
	Land and Buildings	Machinery and Plant	Mine Development	Total	Land and Buildings	Machinery and Plant	Mine Development	Total
	£	£	£	£	£	£	£	£
Silver-Lead-Zinc Mining								
1957	130,324	654,654	347,029	1,132,007	2,887,195	6,669,079	5,685,032	15,241,306
1958	27,147	467,570	482,824	977,541	2,570,689	6,149,672	6,173,356	14,893,717
1959	6,095	473,105	403,651	882,851	2,293,315	5,620,325	6,577,957	14,491,597
1960	88,131	485,668	350,931	924,730	1,679,406	4,720,052	12,606,014	19,005,472
1961	52,670	633,742	343,816	1,030,228	1,548,098	4,565,902	12,952,970	19,066,970
1962	28,728	687,698	204,751	921,177	1,451,667	4,567,317	13,155,371	19,174,355
Other Metallic Mining								
1957	109,697	1,155,336	60,844	1,325,877	342,759	2,394,524	191,113	2,928,396
1958	30,423	215,433	54,503	300,359	283,120	1,968,119	168,469	2,419,708
1959	4,593	376,373	30,514	411,480	245,235	1,589,520	134,599	1,969,354
1960	19,470	320,274	29,901	369,645	242,611	1,542,419	175,925	1,960,955
1961	40,434	504,355	68,134	612,923	242,696	1,590,890	187,711	2,021,297
1962	235,496	2,178,398	259,792	2,673,686	659,785	3,520,814	476,462	4,657,061
Coal Mining								
1957	610,666	6,776,447	744,796	8,131,909	4,129,047	18,117,096	3,801,331	26,047,474
1958	685,110	5,747,008	734,832	7,166,950	4,517,120	19,309,268	4,056,739	27,883,127
1959	432,829	5,275,810	901,061	6,609,700	4,767,436	21,243,370	4,453,417	30,464,223
1960	367,200	8,080,257	806,052	9,253,509	4,782,843	23,097,015	4,825,897	32,705,755
1961	632,692	6,738,225	1,475,197	8,846,114	5,170,657	30,496,723	6,140,842	41,808,222
1962	485,854	6,363,862	2,361,278	9,210,994	5,257,089	31,326,678	6,797,557	43,381,324
Non-metallic Mining (Excluding Clays)								
1957	26,831	255,639	7,556	290,026	187,014	1,130,638	114,799	1,432,451
1958	20,529	324,283	4,149	348,961	205,227	1,089,844	110,306	1,405,377
1959	11,837	183,125	1,557	196,519	211,552	1,033,289	105,334	1,350,175
1960	13,453	118,459	4,096	136,008	295,460	851,354	107,891	1,254,705
1961	41,018	433,276	5,973	480,267	216,980	1,100,319	107,140	1,424,439
1962	13,790	75,848	27,079	116,717	225,927	995,676	145,634	1,367,237
Total *								
1957	877,518	8,842,076	1,160,225	10,879,819	7,546,015	28,311,337	9,792,275	45,649,627
1958	763,209	6,754,294	1,276,308	8,793,811	7,576,156	28,516,903	10,508,870	46,601,929
1959	455,354	6,308,413	1,336,783	8,100,550	7,517,538	29,486,504	11,271,307	48,275,349
1960	488,254	9,004,658	1,190,980	10,683,892	7,000,320	30,210,840	17,715,727	54,926,887
1961	766,814	8,309,598	1,893,120	10,969,532	7,178,431	37,753,834	19,388,663	64,320,928
1962	763,868	9,305,806	2,852,900	12,922,574	7,594,468	40,410,485	20,575,024	68,579,977

* Excludes clay pits and quarries winning construction materials, for which these particulars are not available.
† Depreciated book values. Figures for 1961 were affected by a substantial revaluation of assets at certain coal mines.

No. 4. Persons Employed in Mines*, 1957 to 1962

Year	Persons Employed on Last Full Working Day								Average Number of Persons Employed †
	Working Proprietors	Salaried Staff		Wage Earners		Total Employed			
		Above Ground	Below Ground	Above Ground	Below Ground	Males	Females	Persons	
Silver-Lead-Zinc Mining									
1957	14	780	405	1,825	3,551	6,474	101	6,575	6,711
1958	15	720	376	1,586	3,238	5,840	95	5,935	6,234
1959	4	712	361	1,550	2,825	5,355	97	5,452	5,607
1960	17	739	379	1,549	2,658	5,223	119	5,342	5,357
1961	8	731	379	1,569	2,434	5,018	103	5,121	5,186
1962	4	659	318	1,299	2,199	4,389	90	4,479	4,826
Other Metallic Mining									
1957	69	128	...	1,156	23	1,360	16	1,376	1,730
1958	80	101	1	628	25	822	13	835	1,158
1959	83	99	1	629	18	817	13	830	991
1960	75	91	2	659	26	836	17	853	1,040
1961	88	87	1	769	43	967	21	988	1,081
1962	66	123	6	1,010	77	1,234	48	1,282	1,322
Coal Mining									
1957	37	585	191	4,390	10,813	15,951	65	16,016	16,622
1958	33	541	181	4,153	9,441	14,283	66	14,349	15,463
1959	31	577	210	3,885	8,562	13,203	62	13,265	13,445
1960	34	559	207	3,791	8,315	12,836	70	12,906	13,279
1961	25	521	178	3,491	7,664	11,810	69	11,879	12,512
1962	25	568	179	3,428	7,472	11,596	76	11,672	11,998
Non-metallic Mining (excluding Clays)									
1957	42	25	...	578	4	649	...	649	674
1958	53	37	...	522	5	616	1	617	683
1959	49	35	...	518	5	606	1	607	667
1960	49	31	...	533	5	617	1	618	664
1961	78	30	...	586	7	699	2	701	810
1962	122	33	...	572	7	733	1	734	813
Total *									
1957	162	1,518	596	7,949	14,391	24,434	182	24,616	25,743
1958	181	1,399	558	6,889	12,709	21,561	175	21,736	23,538
1959	167	1,423	572	6,582	11,410	19,981	173	20,154	20,710
1960	175	1,420	588	6,532	11,004	19,512	207	19,719	20,340
1961	199	1,369	558	6,415	10,148	18,494	195	18,689	19,589
1962	217	1,383	503	6,309	9,755	17,952	215	18,167	18,959

* Excludes clay pits and quarries winning construction materials, which, in 1962, had an average employment of 406 and 1,776, respectively.
† For coal mining, average during whole year; for other mining, average during period of operation. Includes working proprietors, but excludes fossickers.

No. 5. Individual Mining and Quarrying Industries: Average Number of Persons Employed*, 1953 to 1962

Persons employed include those engaged in actual mining and quarrying operations, and in crushing and ore dressing operations carried out in treatment works situated at or near the mine or quarry.

Industry	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Mining for Metallic Minerals										
Antimony	26	46	38	28	28	36	32	10	10	10
Bauxite	3	2	3	3	3	2	2	2	2	2
Copper and Copper-Gold ..	40	33	60	66	80	63	44	71	92	112
Gold	178	161	163	122	131	136	31	78	87	71
Iron Oxide	5	3	3	3	3	8	16	17	15	16
Manganese	19	30	27	24	32	40	66	37	23	30
Mineral Sands	379	314	503	1,013	1,340	718	621	665	688	947
Silver-Lead-Zinc	6,944	6,618	6,765	6,803	6,717	6,234	5,607	5,357	5,186	4,826
Tin	270	178	164	147	109	152	171	156	161	133
Tungsten	111	33	21	10	4	...	2	2	2	...
Other Metallic Minerals ..	16	13	11	1	...	3	6	2	1	1
Total	7,991	7,431	7,758	8,220	8,447	7,392	6,598	6,397	6,267	6,148
Mining for Fuel Minerals										
Coal, Black	19,961	19,979	19,260	17,918	16,622	15,463	13,445	13,279	12,512	11,998
Shale, Oil Bearing
Total	19,961	19,979	19,260	17,918	16,622	15,463	13,445	13,279	12,512	11,998
Mining for Non-metallic Minerals										
Asbestos	27	26	26	31	34	43	51	38	39	38
Barite	4	8	9	7	4	5	1	2	2	3
Clays—										
Brick and Tile Clay and Shale	329	320	317	311	290	288	316	314	306	287
Other Clay and Shale ..	185	176	176	170	171	163	149	150	148	119
Diatomite	12	16	13	13	12	8	9	8	10	12
Dolomite	11	12	10	11	27	10	12	8	10	13
Felspar (including Cornish Stone)	27	31	30	22	23	19	16	12	17	14
Gypsum	33	38	45	36	36	37	33	28	31	33
Limestone (including Sea Shells)	395	388	371	343	331	351	328	337	374	361
Magnesite	78	68	97	107	126	101	79	90	121	102
Talcs (including Steatite and Pyrophyllite)	11	11	8	6	8	8	11	14	13	15
Other Non-metallic Minerals ..	76	70	74	78	73	101	127	127	193	222
Total	1,188	1,164	1,176	1,135	1,135	1,134	1,132	1,128	1,264	1,219
Quarrying for Construction Materials										
Sand and River Gravel—										
River Deposits	253	305	446	497	441	426	503	} 624	575	607
Other Deposits	55	50	56	68	61	92	92			
Dimension Stone—										
Granite	13	17	16	12	14	37	47	} 200	244	202
Sandstone	124	133	137	115	135	134	143			
Other	13	37	21	20	25	30	20			
Crushed and Broken Stone ..	566	692	569	533	569	565	683	823	936	967
Total	1,024	1,234	1,245	1,245	1,245	1,284	1,488	1,647	1,755	1,776
All Mining and Quarrying Industries										
Total	30,164	29,808	29,439	28,518	27,449	25,273	22,663	22,451	21,798	21,141

* For coal mining, average during whole year; for other mining, average during period of operation. Includes working proprietors, but excludes fossickers (estimated at 333 in 1962) and employees of Main Roads Department and Municipal and Shire Councils winning road materials (estimated at 813 in 1962).

No. 6. Individual Mining and Quarrying Industries: Value of Output, 1953 to 1962

Industry	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
	£ thousand									
Mining for Metallic Minerals										
Antimony	6	9	30	34	60	88	82	19	20	13
Bauxite	2	3	3	5	3	1	4	3	2	5
Copper and Copper-Gold	20	16	23	22	12	15	25	15	19	26
Gold	225	329	283	250	269	102	7	19	12	7
Iron Oxide	19	14	14	16	13	12	17	36	52	50
Manganese	26	17	15	18	19	26	45	30	20	13
Mineral Sands	1,163	1,021	2,172	5,225	6,503	2,960	2,664	2,773	3,118	3,193
Silver-Lead-Zinc	22,817	26,672	31,950	34,104	26,820	19,093	20,947	21,929	17,706	17,555
Tin	303	211	216	230	173	190	151	192	170	211
Tungsten	96	8	11	6	1
Other Metallic Minerals	28	39	5	1	...	1	...	1	1	1
Total	24,705	28,339	34,722	39,911	33,873	22,488	23,942	25,017	21,120	21,074
Mining for Fuel Minerals										
Coal, Black	41,630	42,762	41,715	40,637	40,450	39,979	37,437	42,677	45,112	47,034*
Shale, Oil Bearing
Total	41,630	42,762	41,715	40,637	40,450	39,979	37,437	42,677	45,112	47,034*
Mining for Non-metallic Minerals										
Asbestos	56	57	54	57	66	69	67	107	86	95
Barite	2	3	4	2	13	10	1
Clays—										
Brick and Tile Clay and Shale	464	548	604	616	578	649	782	880	789	810
Other Clay and Shale	240	224	240	224	269	222	221	262	310	300
Diatomite	14	14	11	20	22	13	17	15	17	14
Dolomite	8	7	21	26	18	18	25	22	21	22
Felspar (including Cornish Stone)	15	39	51	49	39	29	29	29	36	34
Gypsum	79	166	191	171	194	171	206	201	199	137
Limestone (including Sea Shells)	778	817	842	901	990	1,132	953	1,042	1,296	1,270
Magnesite	159	147	214	243	330	283	253	259	381	275
Talcs (including Steatite and Pyrophyllite)	5	5	5	5	7	6	7	9	14	13
Other Non-metallic Minerals	86	69	79	97	106	136	244	184	210	264
Total	1,906	2,096	2,316	2,411	2,632	2,738	2,804	3,010	3,359	3,235
Quarrying for Construction Materials										
Sand and River Gravel—										
River Deposits	662	877	975	1,222	1,543	1,419	1,510	} 2,434	1,944	2,075
Other Deposits	164	190	196	266	264	325	206			
Dimension Stone—										
Granite	5	10	10	8	7	33	41	} 324	458	385
Sandstone	133	172	173	175	245	228	256			
Other	15	36	30	20	31	26	25			
Crushed and Broken Stone	3,143	3,751	4,158	4,235	4,410	4,400	5,080	6,375	6,363	6,411
Total	4,122	5,036	5,542	5,926	6,500	6,431	7,118	9,133	8,765	8,871
All Mining and Quarrying Industries										
Total	72,363	78,233	84,295	88,885	83,455	71,636	71,301	79,837	78,356	80,214

* Not strictly comparable with earlier years because of a revised method of valuation at certain mines (which increased values for 1962 by approximately £ 2,000,000).

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No. 7. Minerals Produced: Quantity, Value, and Contents, 1957 to 1962

Quantities and values of minerals produced are recorded in the form (i.e., as ores, concentrates, etc.) in which the material leaves the mine or treatment works situated at or near the mine. Actual production is recorded except where, as indicated by footnote, sales are considered the more appropriate basis. The assayed gross contents, as shown in this table, are re-assembled in Table 8 to show the total estimated "mine production" of each metal or element contained in metallic minerals of all kinds.

Mineral			Unit of Quantity	Quantity						Value (£)					
				1957	1958	1959	1960	1961	1962	1957	1958	1959	1960	1961	1962
Metallic Minerals															
Antimony Concentrates*	ton	786.0	1,062.0	1,019.0	250.0	187.7	99.3	55,350	83,790	82,082	18,642	20,006	12,445	
Antimony Content	ton	446.4	661.0	625.7	151.0	116.3	65.7							
Antimony Ore*	ton	63.5	52.3	1.9	3.0	4,733	3,205	158	129	
Antimony Content	ton	37.9	29.9	1.2	1.6							
Bauxite	ton	3,248	1,664	4,244	3,647	2,437	5,225	3,188	1,481	3,714	3,191	2,132	4,572	
Alumina Content	ton	1,354	633	1,648	1,386	929	1,991							
Beryllium Ore*	ton	28.9	10.3	47.9	8.7	36.3	9.7	5,467	1,953	8,619	1,510	6,955	1,874	
Beryllium Oxide Content	ton	3.5	1.2	5.6	1.2	4.9	1.3							
Chromite	ton	...	39	561	
Chromic Oxide Content	ton	...	16.8							
Copper Ore*	ton	8.3	20.6	58.3	80.2	222.0	32.1	201	161	528	713	998	363	
Copper Content	ton	1.3	1.6	4.4	7.5	20.7	2.9							
Gold Content	oz. fine	1							
Silver Content	oz. fine	25	...	10	7	582	61							
Copper Concentrates	ton	4,764	5,204	4,843	4,228	4,526	642	241,226	263,149	235,186	229,402	309,104	31,715	
Copper Content	ton	920.9	985.9	877.0	828.2	896.5	142.7							
Gold Content	oz. fine	3,178	3,197	2,699	3,066	2,556	302							
Silver Content	oz. fine	74,565	64,736	56,217	58,760	56,659	6,370							
Copper Precipitates*	ton	69.2	98.6	124.4	84.8	84.3	135.8	10,270	13,922	21,972	14,464	14,376	25,898	
Copper Content	ton	41.0	65.9	83.1	62.6	57.2	107.0							
Gold Ore	ton	9.8*	371*	
Gold Content	oz. fine	36							
Copper Content	ton							
Silver Content	oz. fine							
Gold Concentrates	ton	102	110	...	1.9*	0.6*	...	6,145	4,523	...	3,610	6,054	...	
Gold Content	oz. fine	540	319	...	228	385	...							
Silver Content	oz. fine	356	336	...	150	98	...							
Copper Content	ton	0.4	0.4							
*Derives from the analysis of the concentrates.															

* Despatches from the mine (or sales), as distinct from production.

No. 7. Minerals Produced: Quantity, Value, and Contents, 1957 to 1962 (continued)

Mineral		Unit of Quantity	Quantity						Value (£)						
			1957	1958	1959	1960	1961	1962	1957	1958	1959	1960	1961	1962	
Metallic Minerals (continued)															
Gold: Other Forms†	oz.	17,868	5,436	515	1,164	586	488	263,365	99,777	7,318	15,209	6,160	6,874
Gold Content	oz. fine	16,840	4,678	461	939	368	432						
Silver Content	oz. fine	577	256	47	121	43	35						
Platinum Content	oz.	0.2						
Ilmenite Concentrates*	ton	976	131	230	1,192	2,012	4,288	5,555	569	1,442	1,484	2,406	6,773
Titanium Dioxide Content	ton	485	59	111	537	905	1,930						
Iron Oxide—															
For Gas Purification	ton	2,749	2,106	1,933	1,589	565	634	13,210	10,256	9,833	9,206	3,399	3,322
For Cement Manufacture*	ton	...	831	3,281	10,748	17,922	17,160	...	1,657	6,980	26,303	45,346	42,927
For Coal Washing*	ton	4	25	30	386	1,260	1,715	48	300	347	991	2,957	3,859
Lead Concentrates	ton	348,495	327,098	323,633	310,408	277,910	384,535	23,237,355	16,750,550	16,843,680	15,315,286	12,940,835	14,100,302
Lead Content	ton	259,656	241,521	242,323	231,658	207,716	289,090						
Silver Content	oz. fine	9,065,276	8,509,147	8,169,920	8,002,023	7,050,980	9,643,454						
Gold Content	oz. fine	8,872	8,571	8,396	7,679	7,088	8,902						
Antimony Content	ton	724.2	664.4	651.9	631.6	563.0	808.3						
Cadmium Content	ton	76.2	73.9	72.2	67.8	54.7	71.7						
Copper Content	ton	2,869.8	2,507.3	2,323.2	2,133.6	2,044.7	3,094.8						
Sulphur Content	ton	52,595	49,559	48,042	46,715	42,667	57,848						
Zinc Content	ton	12,256	17,257						
Lead Concentrates from Slime Dumps*	ton	4,789	23,756
Lead Content	ton	508						
Silver Content	oz. fine	40,954						
Antimony Content	ton						
Copper Content	ton						
Lithium	ton	14.7	24.4	28.3	353	475	540
Lithium Oxide Content	ton	1.0	1.9	2.3						

* Despatches from the mine (or sales), as distinct from production.

† Bullion, alluvial, retorted gold, etc. The value shown includes subsidy received under the (Commonwealth) Gold-mining Industry Assistance Act.

‡ Estimated.

No. 7. Minerals Produced: Quantity, Value, and Contents, 1957 to 1962 (*continued*)

Mineral	Unit of Quantity	Quantity						Value (£)					
		1957	1958	1959	1960	1961	1962	1957	1958	1959	1960	1961	1962
Metallic Minerals (continued)													
Manganese Ore*—													
Battery Grade	ton	546	717	1,206	838	883	583	9,027	13,285	27,013	18,945	19,528	13,210
Manganese Dioxide Content..	ton	385	511	898	616	632	424						
Metallurgical Grade	ton	917	1,141	1,360	724	10,090	12,966	18,038	8,955
Manganese Content	ton	391	516	620	342						
Other Grades	ton	12	11	235	200
Manganese Dioxide Content..	ton	9	7						
Molybdenite Concentrates* ..	lb.	2,300	300	...
Molybdenum Sulphide Content	lb.	2,070	...						
Bismuth Content	lb.						
Monazite Concentrates*	ton	52	226	187	40	154	145	8,241	30,782	19,781	1,392	4,333	4,863
Monazite Content	ton	47	210	173	38	144	136						
Platinum Concentrates*	oz.	26.3	28.0	...	7.0	3.0	3.0	630	556	...	181	85	85
Platinum Content	oz.	17.3	21.6	...	4.1	2.0	2.0						
Palladium Content	oz.	0.04						
Osmiridium Content	oz.	1.6	1.3	...	0.2						
Gold Content	oz. fine	0.5						
Pyrite Concentrates	ton	14,196*	36,730	34,550	32,770	31,138	4,130	74,733*	179,691	160,117	161,279	134,118	89,701†
Sulphur Content	ton	7,117	17,715	16,577	15,637	14,949	2,012						
Rutile Concentrates	ton	86,155	46,491	46,283	54,002	66,607	80,171	5,637,281	2,456,225	1,811,377	1,972,159	2,025,099	2,146,728
Titanium Dioxide Content ..	ton	83,363	44,915	44,792	52,262	64,284	77,227						
Silver-Copper Concentrates* ..	ton	116	78	6,331	3,139
Silver Content	oz. fine	25,520	10,303						
Copper Content	ton	9.3	3.7						
Silver-Lead Ore*	ton	9,877	4,231	181	253	245	328	189,189	50,851	2,525	3,309	3,171	3,637
Silver Content	oz. fine	345,953	58,653	5,109	6,527	4,465	6,560						
Lead Content	ton	1,374	729	33	44	42	51						
Gold Content	oz. fine	...	15						
Copper Content	ton						
Silver-Lead Slimes*	ton	548	3,795
Silver Content	oz. fine	6,478						
Lead Content	ton	87						

* Despatches from the mine (or sales), as distinct from production.

† Includes bounty payments made in respect of the previous year's production.

No. 7. Minerals Produced: Quantity, Value, and Contents, 1957 to 1962 (continued)

Mineral	Unit of Quantity	Quantity						Value (£)					
		1957	1958	1959	1960	1961	1962	1957	1958	1959	1960	1961	1962
Metallic Minerals (continued)													
Tin Concentrates*	ton	297	334	240	307	238	293	173,454	190,332	151,502	192,332	170,536	211,234
Tin Content	ton	211	239	174	223	173	212						
Tungsten Concentrates*—													
Scheelite Concentrates	lb.	3,643	3,372	1,359	644	196	...	874	455	204	149	22	...
Tungstic Oxide Content	lb.	2,690	2,504	1,007	463	123	...						
Wolfram Concentrates	lb.	820	175	...	183	22	...
Tungstic Oxide Content	lb.	585	109	...						
Wolfram-Scheelite Concentrates	lb.	185	17
Tungstic Oxide Content	lb.	113						
Zinc Concentrates	ton	463,953	408,169	387,452	444,652	425,442	428,282	3,045,436	1,845,327	3,707,318	6,219,960	4,316,284	3,326,457
Zinc Content	ton	241,509	211,667	202,675	234,170	225,578	227,606						
Lead Content	ton	5,303	4,646	4,093	4,166	3,921	3,240						
Sulphur Content	ton	147,892	130,462	124,273	142,006	137,043	136,933						
Silver Content	oz. fine	434,918	359,165	323,900	330,301	309,610	262,396						
Cadmium Content	ton	848.2	738.4	729.0	825.6	789.9	848.3						
Copper Content	ton	548.4	462.3	440.4	540.1	481.8	395.7						
Gold Content	oz. fine	1,575	1,929	1,719	1,716	1,637	1,598						
Cobalt Content	ton	68.1	70.4	60.1	64.7	64.9	76.5						
Manganese Content	ton	5,691	5,494	5,585	5,207	4,107	5,646						
Zircon Concentrates	ton	59,373	32,542	71,777	66,328	100,085	91,298	567,026	249,523	619,719	601,931	896,510	846,386
Zircon Content	ton	58,747	32,230	71,156	65,764	98,421	89,947						
Zircon-Rutile Concentrates* ..	ton	40,739	34,140	47,448	50,310	62,961	72,567	284,498	221,910	211,144	196,209	185,206	188,674
Zircon Content	ton	14,136	11,949	16,607	17,610	22,801	32,267						
Titanium Dioxide Content	ton	13,311	11,609	16,132	17,105	21,278	21,196						
Total Value, Metallic Minerals	33,874,714	22,487,757	23,950,832	25,017,494	21,122,748	21,075,578
Fuel Minerals													
Coal, Black: Bituminous	ton	15,376,240	15,840,550	15,712,440	17,736,994	19,020,805	19,030,418	40,410,926	39,944,372	37,436,654	42,676,951	45,112,393	47,033,829†
Sub-bituminous	ton	13,996	10,398	38,876	34,822
Total Value, Fuel Minerals	40,449,802	39,979,194	37,436,654	42,676,951	45,112,393	47,033,829†

* Despatches from the mine (or sales), as distinct from production.

† Not strictly comparable with earlier years because of a revised method of valuation at certain mines (which increased values for 1962 by approximately £2,000,000).

No. 7. Minerals Produced: Quantity, Value, and Contents, 1957 to 1962 (continued)

Mineral		Unit of Quantity	Quantity						Value (£)					
			1957	1958	1959	1960	1961	1962	1957	1958	1959	1960	1961	1962
Non-metallic Minerals														
Asbestos, Chrysotile: Fibre		ton	559	579	558	852	694	770	65,492	67,985	65,412	105,362	86,116	95,255
Fines		ton	45	57	90	105	15	4	576	711	1,141	1,354	194	50
Barite		ton	5,415	3,991	60	60	60	435	12,560	9,821	96	111	108	790
Chlorite‡		ton	373	351	3,074	2,811
Clays—														
Kaolin and Ball Clay—														
For Refractories		ton	12,819	15,613	13,904	21,220	26,015	11,130	23,079	25,059	26,435	41,919	44,849	24,562
For Pottery		ton	4,130	3,173	4,538	11,465	5,987	3,795	16,230	12,406	15,451	17,802	13,954	10,411
For Other Purposes		ton	5,669	4,430	5,446	5,288	5,864	6,147	27,793	23,295	26,957	25,999	18,580	21,518
Other Pottery Clay and Shale		ton	1,561	2,891	1,771	1,297	575	...	4,448	4,750	796	868	274	...
Bentonitic Clay		ton	73	30	56	17	368	147	280	85
Brick Clay and Shale		ton	1,531,572	1,662,832	1,893,440	2,077,518	2,005,679	1,966,322	492,600	559,702	682,478	799,970	707,073	743,049
Cement Clay and Shale		ton	117,100	126,668	121,460	177,624	158,527	274,351	33,561	33,467	43,296	56,633	57,126	67,316
Fireclay		ton	102,508	87,763	89,988	88,872	113,055	120,753	110,311	81,187	75,132	68,319	110,387	115,853
Fuller's Earth		ton	215	120	136	90	151	272	744	510	680	450	755	1,091
Moulder's Clay		ton	306	...	199	223	162	176	2,245	...	1,891	749	1,218	1,540
Stoneware Clay		ton	75,132	87,975	64,345	75,353	107,614	101,187	53,977	44,151	38,166	41,650	59,670	62,721
Terra Cotta Clay—														
For Roofing Tiles		ton	145,386	137,679	132,111	121,576	144,555	101,513	74,550	76,262	80,714	80,305	78,568	56,886
For Other Purposes		ton	5,197	7,181	7,289	4,516	4,432	4,005	2,723	3,574	4,436	2,308	2,183	1,300
Diamonds, Industrial		carat	312	158	37	6	4,030	1,965	148	20
Diatomite		ton	4,966	3,100	4,409	3,941	4,331	4,318	21,493	12,901	17,339	15,380	16,741	14,327
Dolomite *		ton	5,137	3,957	3,776	3,357	4,796	4,919	18,350	17,503	20,769	16,790	21,220	21,770
Felspar (including Cornish Stone)		ton	6,254	5,302	4,700	5,325	5,378	5,925	33,440	27,011	20,584	27,009	28,591	30,971
Fluorspar		ton
Gems: Opal†		1,500	25,000	23,111	39,473	65,000	100,000
Sapphire		1,000	1,730	2,988	3,332	31,129
Rhodonite		1,602	750	739
Gypsum : Washed		ton	54,184	47,740	66,215	63,611	55,036	30,737	105,583	95,222	144,166	149,646	136,008	73,819
Unwashed		ton	47,307	42,924	34,928	31,903	42,214	41,065	88,295	75,321	61,489	51,505	63,185	63,526
Total, Gypsum		ton	101,491	90,664	101,143	95,514	97,250	71,802	193,878	170,543	205,655	201,151	199,193	137,345
Limestone *		ton	1,891,562	2,056,429	2,050,253	2,394,124	2,569,232	2,427,711	959,965	1,104,513	922,720	1,010,344	1,265,814	1,249,199
Loam, for Foundry Moulding		ton	16,967	21,505	15,410	16,206	19,306	16,259	12,855	16,712	12,723	11,977	14,870	11,926
Magnesite, Crude		ton	83,271	69,030	59,777	61,668	88,511	61,672	330,020	283,366	253,255	259,419	380,768	274,930

* Excludes material used directly as a building or road material—see "Construction Materials" on page 15.

† Estimated.

‡ In 1960 and earlier years, Chlorite was included with Pyrophyllite.

No. 7. Minerals Produced: Quantity, Value, and Contents, 1957 to 1962 (continued)

Mineral	Unit of Quantity	Quantity						Value (£)					
		1957	1958	1959	1960	1961	1962	1957	1958	1959	1960	1961	1962
Non-Metallic Minerals (continued)													
Mica	ton	...	7	3	84	48
Mineral Pigments—													
Brown Umber	ton
Red Ochre	ton	29	15	...	15	236	122	...	137
Yellow Ochre	ton	30	13	15	15	135	67	75	75
Peat, for Fertilizer	ton	90	45
Pebbles, for Grinding	ton	121	121	130	85	79	116	582	587	612	445	375	532
Perlite	ton	100	100
Pyrophyllite†	ton	358	267	347	501	915	931	2,512	1,868	2,428	4,123	7,367	6,965
Quartz *: For Ferro Alloys	ton
For Other Purposes	ton	647	705	1,674	1,444	1,113	1,779	1,371	2,085	5,647	6,156	4,676	6,072
Quartzite *—													
For Ferro Alloys	ton	1,255	2,069	...	15,225	10,792	10,852	1,309	2,147	...	18,816	10,792	19,845
For Silica Bricks	ton	33,202	31,304	38,619	37,639	46,230	27,936	59,297	60,502	75,447	75,251	91,249	56,389
For Other Purposes‡	ton	105	74	141	130	59	45	346	228	441	444	114	97
Sand *: Foundry Sand	ton	6,199	5,081	4,579	3,768	5,328	10,858	8,065	6,681	4,875	6,726	3,594	7,475
Glass Sand	ton	69,268	75,120	78,511	99,301	83,503	101,949	26,957	39,814	122,209	50,557	39,009	51,638
Other Sand	ton	1,791	2,610	506	4,183	340	1,988	3,369	9,936	1,220	3,733	983	10,029
Sandstone *—													
Grinding Stones	ton	94	204	59	64	64	42	1,358	2,128	576	1,110	925	593
For Foundry Sand	ton	6,839	3,190	1,479	3,500	3,100	2,640	4,271	2,313	1,920	4,550	4,030	3,432
For Other Purposes	ton	763	145	350	193	292	494	1,695	316	887	402	583	1,052
Sea Shells—													
For Cement	ton
For Other Purposes	ton	4,889	4,593	5,634	5,973	6,367	4,260	30,138	28,359	34,825	37,232	30,341	20,902
Serpentine, for Refractories	ton	781	965	920	1,057	909	1,065	742	796	759	1,167	1,068	1,253
Siderite	ton	2	10	40	225
Shale Ash‡	ton	70	37	234	126
Sillimanite	ton	1,491	863	46	...	254	1,278	8,573	5,504	309	...	1,765	9,585
Slate, for Filler	ton	105	15	315	46
Talc (including Steatite)	ton	1,020	998	1,089	1,136	825	720	4,546	4,013	5,064	5,182	3,377	3,159
Total Value, Non-metallic Minerals	2,652,650	2,771,137	2,798,737	3,046,143	3,380,930	3,276,958

* Excludes material used directly, as a building or road material—see "Construction Materials" on next page.

† In 1960 and earlier years, Chlorite was included with Pyrophyllite.

‡ In 1960 and earlier years, Shale Ash was included with Quartzite, for Other Purposes.

No. 7. Minerals Produced: Quantity, Value, and Contents, 1957 to 1962 (*continued*)

Mineral		Unit of Quantity	Quantity						Value (£)					
			1957	1958	1959	1960	1961	1962	1957	1958	1959	1960	1961	1962
Construction Materials														
Crushed and Broken Stone—														
Basalt	ton	1,759,633	1,857,709	2,236,534	2,701,033	3,103,100	3,287,433	1,436,122	1,532,250	1,808,092	2,205,725	2,668,419	2,684,046	
Granite	ton	56,107	60,345	76,177	279,596	268,701	287,516	84,947	104,570	146,378	243,633	256,031	309,976	
Limestone	ton	87,289	148,756	51,523	20,852	42,337	92,645	43,976	50,789	59,630	41,324	43,704	72,206	
Marble	ton	1,081	...	235	148	2,871	2,774	148	...	892	1,589	6,443	7,891	
Porphyry	ton	259,614	127,588	337,418	172,244	
Quartzite	ton	16,445	35,203	28,420	29,227	53,844	39,425	
Sandstone	ton	56,640	30,977	52,029	77,223	59,487	88,517	54,812	25,247	44,565	96,519	70,279	78,598	
Unspecified	ton	19,869	8,929	24,393	2,125	22,641	32,652	29,206	11,908	25,257	3,135	7,369	13,724	
Dimension Stone—														
Building and Monumental Stone—														
Rough—														
Basalt	ton	34,377	25,357	18,675	89,981	196,608	33,595	24,906	16,938	17,520	45,169	99,399	17,288	
Granite	ton	2,447	27,083	50,782	5,021	1,281	771	6,465	33,131	41,602	9,932	5,313	6,765	
Limestone	ton	410	400	42	3,427	3,000	52	
Marble	ton	859	555	516	6,532	161	56	3,438	6,374	956	19,030	201	70	
Quartzite	ton	120	610	268	360	820	110	
Sandstone	ton	50,585	61,662	57,458	25,156	115,923	121,295	48,728	28,341	26,091	11,769	67,471	58,946	
Unspecified	ton	2,396	2,037	1,570	188	290	666	1,123	1,095	740	150	220	500	
Dressed—														
Basalt	ton	19	26	15	12	18	11	835	1,297	612	651	828	645	
Granite	ton	78	117	1,151	2,700	
Marble	ton	322	328	642	1,067	5,105	8,000	41,562	54,385	
Sandstone	ton	20,548	23,435	24,520	26,286	31,812	35,366	177,713	179,958	194,583	197,406	209,113	218,483	
Curbing and Flagging—														
Basalt	ton	248	3,523	4,286	5,638	
Quartzite	ton	201	905	
Sandstone	ton	3,240	3,179	3,362	3,166	6,166	4,137	20,732	17,197	24,540	32,761	31,647	28,207	
River Gravel and Gravel Boulders		ton	1,624,339	1,580,187	1,408,280	1,770,063	1,449,680	1,491,879	1,183,465	1,082,732	1,081,818	1,536,578	1,141,910	
Sand	ton	1,776,236	1,790,150	2,144,938	2,974,792	2,937,091	2,957,097	692,184	695,849	806,128	1,106,156	975,599	994,298	
Other Road Material	ton	11,895,873	12,172,687	13,034,079	15,055,115	14,798,194	15,491,250	2,663,469	2,604,933	2,830,542	3,502,748	2,719,619	2,894,299	
Total Value, Construction Materials		6,477,706	6,398,247	7,115,051	9,096,194	8,740,209	8,827,230	
All Mining and Quarrying														
Total Value of Output	83,454,872	71,636,335	71,301,274	79,836,782	78,356,280	80,213,595	

No. 8. Contents of Metallic Minerals Produced, 1953 to 1962

The contents of metallic minerals produced in N.S.W., as set out in Table 7, are re-assembled below to show the "mine production" of each metal or element for which the ores, concentrates, etc., are to be further treated. These totals represent gross contents, as determined by assay, and make no allowance for losses in smelting and refining. The quantities shown are therefore, in general, greater than those actually recoverable. The dissection between contents "Available for Recovery in Australia" and "Destined for Export in Ores, etc." is based on preliminary advices received from producers or ore buyers.

Mineral in which Contained	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962		
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Available for Recovery in Australia	Destined for Export in Ores, etc.	Total
Antimony (tons)												
Antimony Concentrates	51.8	204.3	222.4	446.4	661.0	625.7	151.0	116.3	3.2	62.5	65.7
Antimony Ore	39.2	31.1	30.9	41.0	37.9	29.9	1.2	1.6
Lead Concentrates	570.4	613.1	615.1	615.7	724.2	664.4	651.9	631.6	563.0	624.3	184.0	808.3
Lead Concentrates, from Slime Dumps ..	7.1	0.7
Total Antimony	616.7	696.7	850.3	879.1	1,208.5	1,355.3	1,278.8	784.2	679.3	627.5	246.5	874.0
Bismuth (lb.)												
Bismuth Concentrates	174
Bismuth-Wolfram Concentrates	147
Total Bismuth	321
Cadmium (tons)												
Lead Concentrates	60.2	66.5	69.1	69.4	76.2	73.9	72.2	67.8	54.7	57.1	14.6	71.7
Zinc Concentrates	664.0	759.0	725.9	792.4	848.2	738.4	729.0	825.6	789.9	428.3	420.0	848.3
Total Cadmium	724.2	825.5	795.0	861.8	924.4	812.3	801.2	893.4	844.6	485.4	434.6	920.0
Cobalt (tons)												
Zinc Concentrates	52.7	68.5	60.7	59.2	68.1	70.4	60.1	64.7	64.9	29.3	47.2	76.5
Total Cobalt	52.7	68.5	60.7	59.2	68.1	70.4	60.1	64.7	64.9	29.3	47.2	76.5

No. 8. Contents of Metallic Minerals Produced, 1953 to 1962 (continued)

Mineral in which Contained	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962		
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Available for Recovery in Australia	Destined for Export in Ores, etc.	Total
Copper (tons)												
Copper Ore	21.3	2.0	2.8	19.4	1.3	1.6	4.4	7.5	20.7	2.9	...	2.9
Copper Concentrates	825.0	388.5	734.5	993.3	920.9	985.9	877.0	828.2	896.5	142.7	...	142.7
Copper Matte	0.1	...	0.1
Copper Precipitates	63.9	64.4	63.3	43.2	41.0	65.9	83.1	62.6	57.2	107.0	...	107.0
Gold Concentrates	1.3	0.4	0.1	0.4	0.4	0.4
Lead Concentrates	2,180.0	2,126.3	2,067.7	2,692.6	2,869.8	2,507.3	2,323.2	2,133.6	2,044.7	2,209.5	885.3	3,094.8
Lead-Copper Concentrates	137.0	188.9	188.5
Lead Concentrates, from Slime Dumps	2.4	0.2
Silver-Copper Concentrates	9.3	...	3.7	3.7
Zinc Concentrates	395.0	411.8	435.1	539.7	548.4	462.3	440.4	540.1	481.8	191.7	204.0	395.7
Total Copper	3,626.0	3,182.5	3,492.1	4,288.6	4,381.8	4,023.4	3,728.1	3,572.0	3,510.2	2,653.8	1,093.0	3,746.8
Gold (oz. fine)												
Copper Ore	1	1	1
Copper Concentrates	2,431	910	2,417	3,000	3,178	3,197	2,699	3,066	2,556	302	...	302
Gold Ore	4	...	36
Gold Concentrates	578	243	522	298	540	319	...	228	385
Gold: Other Forms	13,837	20,852	17,601	15,744	16,840	4,678	461	939	368	432	...	432
Lead Concentrates	7,403	7,469	7,287	8,497	8,872	8,571	8,396	7,679	7,088	6,313	2,589	8,902
Lead-Copper Concentrates	278	405	557
Platinum Concentrates	2	1
Silver-Lead Ore	7	5	15
Silver Sludge	1
Zinc Concentrates	1,925	1,488	1,679	1,281	1,575	1,929	1,719	1,716	1,637	879	719	1,598
Total Gold	26,461	31,374	30,067	28,821	31,043	18,709	13,275	13,628	12,034	7,926	3,308	11,234
Lead (tons)												
Lead Concentrates	209,943	224,389	225,783	229,991	259,656	241,521	242,323	231,658	207,716	218,463	70,627	289,090
Lead Copper Concentrates	123	199	249
Lead Concentrates, from Slime Dumps	3,641	1,839	1,075	1,017	508
Lead Slag	18	17	17	4
Silver-Lead Ore	151	210	3,110	2,119	1,374	729	33	44	42	51	...	51
Silver-Lead Slimes	5	...	221	87
Zinc Concentrates	3,693	3,738	4,620	4,967	5,303	4,646	4,093	4,166	3,921	1,641	1,599	3,240
Total Lead	217,574	230,392	234,854	238,319	266,928	246,896	246,449	235,868	211,679	220,155	72,226	292,381

No. 8. Contents of Metallic Minerals Produced, 1953 to 1962 (continued)

Mineral in which Contained	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962		
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Available for Recovery in Australia	Destined for Export in Ores, etc.	Total
Molybdenum (lb. Molybdenum Sulphide)												
Molybdenite Concentrates	51	2,070
Total Molybdenum	51	2,070
Platinum (oz.)												
Gold: Other Forms	23.0	6.7	18.2	17.3	21.6	...	0.2
Platinum Concentrates	23.0	6.7	18.2	17.3	21.6	...	4.1	2.0	2.0	...	2.0
Total Platinum	23.0	6.7	18.2	17.3	21.6	...	4.3	2.0	2.0	...	2.0
Silver (oz. fine)												
Copper Ore	42	10	...	1,364	25	...	10	7	582	61	...	61
Copper Concentrates	61,261	23,173	56,218	72,880	74,565	64,736	56,217	58,760	56,659	6,370	...	6,370
Copper Matte	3	...	13
Gold Concentrates	407	205	429	219	356	336	...	150	98
Gold: Other Forms	320	517	364	386	577	256	47	121	43	35	...	35
Lead Concentrates	7,387,843	7,893,818	7,612,343	8,301,438	9,065,276	8,509,147	8,169,920	8,002,023	7,050,980	7,792,667	1,850,787	9,643,454
Lead-Copper Concentrates	76,112	141,010	92,452
Lead Concentrates, from Slime Dumps	157,355	215,047	110,497	72,705	40,954
Lead Slag	1,059	1,063	893	256
Silver Ore
Silver-Lead Ore	14,784	22,918	584,207	424,212	345,953	58,653	5,109	6,527	4,465	6,560	...	6,560
Silver-Lead Slimes	542	20,408	6,478
Silver-Copper Concentrates	25,520	...	10,303	10,303
Silver Bullion	109
Silver Sludge	8,051
Zinc Concentrates	361,125	382,353	365,795	395,715	434,918	359,165	323,900	330,301	309,610	152,811	109,585	262,396
Total Silver	8,069,013	8,680,114	8,823,211	9,289,583	9,969,102	8,992,293	8,555,203	8,397,889	7,447,957	7,958,504	1,970,675	9,929,179
Sulphur (tons)												
Lead-Copper Concentrates	225	328	370
Lead Concentrates	44,434	46,336	46,190	47,032	52,595	49,559	48,042	46,715	42,667	43,771	14,077	57,848
Pyrite Concentrates	9,558	5,334	11,236	540	7,117	17,715	16,577	15,637	14,949	2,012	...	2,012
Zinc Concentrates	115,236	122,314	128,884	139,515	147,892	130,462	124,273	142,006	137,043	66,935	69,998	136,933
Total Sulphur	169,453	174,312	186,680	187,087	207,604	197,736	188,892	204,358	194,659	112,718	84,075	196,793

No. 8. Contents of Metallic Minerals Produced, 1953 to 1962 (continued)

Mineral in which Contained	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962		
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Available for Recovery in Australia	Destined for Export in Ores, etc.	Total
Tin (tons)												
Tin Concentrates	339	272	270	269	211	239	174	223	173	212	...	212
Tin-Tungsten Concentrates	3
Total Tin	342	272	270	269	211	239	174	223	173	212	...	212
Titanium (tons Titanium Dioxide)												
Ilmenite Concentrates	210†	212†	420†	485	59	111	537	905	*	*	1,930
Rutile Concentrates	21,223	21,872	33,045	62,470	83,363	44,915	44,792	52,262	64,284	*	*	77,227
Zircon-Rutile Concentrates	1,215	2,640	4,085	7,407	13,311	11,609	16,132	17,105	21,278	*	*	21,196
Total Rutile	22,438	24,722	37,342	70,297	97,159	56,583	61,035	69,904	86,467	*	*	100,353
Tungsten (lb. Tungstic Oxide)												
Bismuth-Wolfram Concentrates	1,784
Scheelite Concentrates	9,273	6,009	6,438	3,890	2,690	2,504	1,007	463	123
Tin-Tungsten Concentrates	9,784	12
Wolfram Concentrates	38,880	4,827	2,594	5,787	585	109
Wolfram-Scheelite Concentrates	68,023	8,064	7,898	205	113
Total Tungsten	127,744	18,912	16,930	9,882	3,388	2,504	1,007	463	232
Zinc (tons)												
Lead Concentrates	12,256	13,072	4,185	17,257
Zinc Ore
Zinc Concentrates	189,526	202,646	211,478	229,126	241,509	211,667	202,675	234,170	225,578	111,580	116,026	227,606
Total Zinc	189,526	202,646	211,478	229,126	241,509	211,667	202,675	234,170	237,834	124,652	120,211	244,863

* Not available—mainly "Destined for Export".
† Estimated.

No. 9. Mine Production* of Principal Metals and Sulphur, 1952 to 1962

Year	Antimony	Cadmium	Cobalt	Copper	Gold	Lead
	Tons	Tons	Tons	Tons	Oz. fine	Tons
1952	583.5	590.2	53.9	3,562.1	39,030	173,433
1953	616.7	724.2	52.7	3,626.0	26,461	217,574
1954	696.7	825.5	68.5	3,182.5	31,374	230,392
1955	850.3	795.0	60.7	3,492.1	30,067	234,854
1956	879.1	861.8	59.2	4,288.6	28,821	238,319
1957	1,208.5	924.4	68.1	4,381.8	31,043	266,928
1958	1,355.3	812.3	70.4	4,023.4	18,709	246,896
1959	1,278.8	801.2	60.1	3,728.1	13,275	246,449
1960	784.2	893.4	64.7	3,572.0	13,628	235,868
1961	679.3	844.6	64.9	3,510.2	12,034	211,679
1962	874.0	920.0	76.5	3,746.8	11,234	292,381

Year	Silver	Sulphur	Tin	Titanium †	Tungsten	Zinc
	Oz. fine	Tons	Tons	Tons TiO ₂	lb. WO ₃	Tons
1952	6,756,254	136,306	396	27,904	72,524	147,655
1953	8,069,013	169,453	342	22,438	127,744	189,526
1954	8,680,114	174,312	272	24,722	18,912	202,646
1955	8,823,211	186,680	270	37,342	16,930	211,478
1956	9,289,583	187,087	269	70,297	9,882	229,126
1957	9,969,102	207,604	211	97,159	3,388	241,509
1958	8,992,293	197,736	239	56,583	2,504	211,667
1959	8,555,203	198,892	174	61,035	1,007	202,675
1960	8,397,889	204,358	223	69,904	463	234,170
1961	7,447,957	194,659	173	86,467	232	237,834
1962	9,929,179	196,793	212	100,353	...	244,863

* These are gross contents of metallic minerals produced, as determined by assay, and make no allowance for losses in smelting and refining. The quantities shown are therefore, in general, greater than those actually recoverable.
† Titanium dioxide content of ilmenite, rutile, and zircon-rutile concentrates.

No. 10. London Metal Prices*, 1939 to 1962

Year	Copper (Electrolytic)	Silver	Lead	Zinc (Virgin)	Tin
	£ s. d. per ton	s. d. per oz. fine	£ s. d. per ton		
1939	49 16 10	1 10.02	15 13 2	14 13 3	226 5 8
1952	259 7 10	6 2.36	135 0 0	49 10 2	964 10 1
1953	254 7 8	6 1.95	91 7 2	75 1 3	730 14 11
1954	248 11 9	6 1.48	96 7 1	78 4 8	718 18 3
1955	351 8 4	6 5.51	105 17 8	90 13 10	740 4 8
1956	328 18 6	6 7.13	116 6 7	97 15 4	787 13 5
1957	219 9 10	6 6.93	96 13 4	81 12 4	754 16 10
1958	197 7 8	6 4.21	72 16 1	65 18 1	735 0 8
1959	237 15 2	6 6.82	70 15 9	82 2 6	785 4 2
1960	245 19 2	6 7.38	72 2 11	89 6 4	796 12 8
1961	229 11 5	6 8.25	64 4 2	77 15 1	887 18 11
1962	233 19 8	7 7.56	56 6 5	67 9 3	896 12 8

* Spot prices, averages of buyers' and sellers' quotes. The prices are annual averages, quoted in sterling.

No. 11. Prices of Metals in Australia*, 1939 to 1962

At 31st December	Copper (Electrolytic)	Lead	Zinc (Electrolytic)	Tin
	£ s. d. per ton			
1939	63 17 6	20 17 6	20 2 6	299 0 0
1952	350 0 0	95 0 0	95 0 0	1,150 0 0
1953	300 0 0	106 17 6	90 0 0	817 0 0
1954	350 0 0	126 17 6	105 17 6	889 15 0
1955	477 5 0	141 0 0	124 10 0	1,053 15 0
1956	357 0 0	141 2 6	127 7 6	1,029 0 0
1957	330 0 0	87 5 0	79 12 6	967 0 0
1958	293 0 0	100 0 0	100 0 0	1,034 0 0
1959	338 0 0	100 0 0	118 0 0	1,042 0 0
1960	301 0 0	100 0 0	101 2 6	1,031 0 0
1961	305 0 0	95 0 0	100 0 0	1,230 0 0
1962	305 0 0	80 0 0	106 2 6	1,112 0 0

* Home consumption selling prices ruling at end of year. The bases are—Copper: ex works, Port Kembla; Lead: f.o.b. Port Pirie; Zinc: f.o.b. Risdon until June, 1962, and c.i.f. Sydney from July, 1962 (average for 1962 is on the basis of c.i.f. Sydney); Tin: delivered, Sydney (ex works, Sydney, before 1954). Price controls, imposed on these metals in December, 1939, were removed from Lead, Zinc, and Tin in April, 1953, and from Copper in October, 1954.
The official price of gold has been £15 12s. 6d. per ounce fine since May, 1954.

No. 12. Coal Produced, 1952 to 1962

Year	Underground Mines				Open Cut Mines				Total, All Mines			
	Northern District	Southern District	Western District	Total, N.S.W.	Northern District	Southern District	Western District	Total, N.S.W.	Northern District	Southern District	Western District	Total, N.S.W.
	Thousand tons											
1952	8,228	2,776	1,488	12,492	1,398	...	1,132	2,530	9,626	2,776	2,620	15,022
1953	7,956	3,009	1,487	12,452	1,086	...	636	1,722	9,042	3,009	2,123	14,174
1954	8,627	3,366	1,710	13,703	919	...	461	1,380	9,546	3,366	2,171	15,083
1955	8,484	3,595	1,756	13,835	806	...	95	901	9,290	3,595	1,851	14,736
1956	8,360	3,982	1,658	14,000	810	810	9,170	3,982	1,658	14,810
1957	8,480	4,556	1,626	14,662	728	728	9,208	4,556	1,626	15,390
1958	8,864	4,693	1,574	15,131	720	720	9,584	4,693	1,574	15,851
1959	8,904	4,812	1,562	15,278	434	434	9,338	4,812	1,562	15,712
1960	9,669	5,735	1,578	16,982	755	755	10,424	5,735	1,578	17,737
1961	9,545	7,058	1,586	18,189	832	832	10,377	7,058	1,586	19,021
1962	9,224	7,454	1,518	18,196	834	834	10,058	7,454	1,518	19,030

No. 13. Underground Coal Mines: Coal Mechanically Cut and Loaded, 1952 to 1962

Year	Coal Mechanically Cut				Coal Mechanically Loaded			
	Northern District	Southern District	Western District	All Districts	Northern District	Southern District	Western District	All Districts
	Proportion per cent. of Total Production							
1952	45.5	75.5	37.6	51.2	46.7	71.6	45.8	52.1
1953	51.1	76.4	37.9	55.6	52.4	74.3	51.2	57.5
1954	52.8	77.9	46.4	58.2	55.8	76.1	62.0	61.6
1955	57.4	81.0	57.2	63.5	61.4	80.2	64.3	66.7
1956	58.6	81.4	65.5	66.0	65.7	81.1	73.1	70.9
1957	67.4	83.8	74.4	73.3	72.6	84.6	81.8	77.3
1958	75.5	83.4	88.3	79.3	78.6	83.9	91.8	81.6
1959	86.4	88.5	89.5	87.4	87.8	88.3	90.4	88.2
1960	87.6	91.0	89.7	88.9	93.2	91.5	90.2	92.4
1961	90.0	94.1	92.5	91.8	95.5	95.4	93.1	95.2
1962	92.0	95.0	94.8	93.5	96.4	96.1	98.7	96.5

No. 14. Manshifts Worked and Lost in Coal Mines, 1952 to 1962

Year	Manshifts Worked				Manshifts Lost				Manshifts Possible			
	Northern District	Southern District	Western District	All Districts	Northern District	Southern District	Western District	All Districts	Northern District	Southern District	Western District	All Districts
	Thousand Manshifts											
Underground Mines												
1952	2,889	864	407	4,160	488	124	67	679	3,377	988	474	4,839
1953	2,774	865	404	4,043	511	143	73	727	3,285	1,008	477	4,770
1954	2,870	909	442	4,221	498	142	62	702	3,368	1,051	504	4,923
1955	2,760	891	431	4,082	501	142	61	704	3,261	1,033	492	4,786
1956	2,615	958	371	3,944	380	161	46	587	2,995	1,119	417	4,531
1957	2,362	991	322	3,675	346	166	37	549	2,708	1,157	359	4,224
1958	2,184	1,013	284	3,481	275	149	25	449	2,459	1,162	309	3,930
1959	1,870	983	263	3,116	181	139	24	344	2,051	1,122	287	3,460
1960	1,849	1,048	254	3,151	181	144	21	346	2,030	1,192	275	3,497
1961	1,571	1,108	238	2,917	114	132	20	266	1,685	1,240	258	3,183
1962	1,465	1,087	216	2,768	108	127	18	253	1,573	1,214	234	3,021
Open Cut Mines												
1952	176	...	144	320	16	...	17	33	192	...	161	353
1953	125	...	77	202	8	...	6	14	133	...	83	216
1954	104	...	50	154	8	...	3	11	112	...	53	165
1955	88	...	10	98	10	10	98	...	10	108
1956	78	78	5	5	83	83
1957	65	65	4	4	69	69
1958	70	70	3	3	73	73
1959	35	35	2	2	37	37
1960	34	34	1	1	35	35
1961	37	37	1	1	38	38
1962	37	37	2	2	39	39

No. 15. Coal Produced per Manshift Worked, 1952 to 1962

The following statistics were compiled by the Joint Coal Board. They exclude mines in course of development prior to commencement of coal production.

Year	Underground Mines								Open Cut Mines			
	Production per Manshift worked at Coal Face *				Production per Manshift worked by All Persons Employed				Production per Manshift worked by All Persons Employed			
	Northern District	Southern District	Western District	All Districts	Northern District	Southern District	Western District	All Districts	Northern District	Southern District	Western District	All Districts
	Tons											
1952	9.34	12.14	11.30	10.06	2.85	3.21	3.66	3.00	7.93	...	7.90	7.92
1953	8.80	12.89	10.39	9.72	2.87	3.48	3.68	3.08	8.68	...	8.24	8.51
1954	9.23	13.34	10.59	10.16	3.01	3.70	3.87	3.25	8.84	...	9.24	8.97
1955	9.59	14.63	11.27	10.76	3.07	4.03	4.08	3.39	9.14	...	9.50	9.18
1956	10.13	14.53	13.23	11.43	3.20	4.16	4.47	3.55	10.36	10.36
1957	11.89	15.64	15.17	13.19	3.59	4.60	5.05	3.99	11.11	11.11
1958	13.51	15.74	17.40	14.48	4.06	4.63	5.55	4.35	11.31	11.31
1959	18.02	18.04	18.47	18.07	4.76	4.89	5.95	4.90	12.47	12.47
1960	20.12	21.67	20.32	20.64	5.23	5.47	6.20	5.39	22.15	22.15
1961	25.17	24.41	22.44	24.61	6.07	6.37	6.65	6.23	22.29	22.29
1962	26.27	26.18	22.98	25.92	6.29	6.86	7.03	6.57	22.42	22.42

No. 16. Coal Mining: Persons Employed, 1952 to 1962

Underground and Open Cut Mines

Year	Number Employed at End of Year				Average Number Employed during Whole Year			
	Northern District	Southern District	Western District	Total, N.S.W.	Northern District	Southern District	Western District	Total, N.S.W.
1952	13,863	4,071	2,376	20,310	13,837	3,846	2,468	20,151
1953	13,719	4,095	2,142	19,956	13,670	4,054	2,237	19,961
1954	13,345	4,103	2,099	19,547	13,649	4,181	2,149	19,979
1955	12,692	4,121	1,685	18,498	13,197	4,115	1,948	19,260
1956	11,740	4,363	1,610	17,713	11,985	4,305	1,628	17,918
1957	10,328	4,465	1,223	16,016	10,830	4,411	1,381	16,622
1958	8,835	4,359	1,155	14,349	9,826	4,453	1,184	15,463
1959	7,976	4,218	1,071	13,265	8,037	4,311	1,097	13,445
1960	7,399	4,465	1,042	12,906	7,812	4,414	1,053	13,279
1961	6,233	4,661	985	11,879	6,791	4,696	1,025	12,512
1962	6,043	4,709	920	11,672	6,373	4,680	945	11,998

No. 17. Coal Mining: Classification of Persons Employed, 1958 to 1962

Particulars	Number Employed at End of Year					Average Number Employed during Whole Year				
	1958	1959	1960	1961	1962	1958	1959	1960	1961	1962
Underground Mines										
Northern District—										
Below Ground	5,473	4,818	4,305	3,536	3,434	6,255	4,857	4,651	3,864	3,636
Above Ground	3,144	3,041	2,952	2,529	2,472	3,314	3,031	3,028	2,775	2,581
Total	8,617	7,859	7,257	6,065	5,906	9,569	7,888	7,679	6,639	6,217
Southern District—										
Below Ground	3,069	2,867	3,086	3,231	3,267	3,169	3,000	3,035	3,267	3,237
Above Ground	1,290	1,351	1,379	1,430	1,442	1,284	1,311	1,379	1,429	1,443
Total	4,359	4,218	4,465	4,661	4,709	4,453	4,311	4,414	4,696	4,680
Western District—										
Below Ground	737	675	654	625	589	757	698	655	643	600
Above Ground	418	396	388	360	331	427	399	398	382	345
Total	1,155	1,071	1,042	985	920	1,184	1,097	1,053	1,025	945
Total, N.S.W.—										
Below Ground	9,279	8,360	8,045	7,392	7,290	10,181	8,555	8,341	7,774	7,473
Above Ground	4,852	4,788	4,719	4,319	4,245	5,025	4,741	4,805	4,586	4,369
Total	14,131	13,148	12,764	11,711	11,535	15,206	13,296	13,146	12,360	11,842
Open Cut Mines										
Northern District	218	117	142	168	137	257	149	133	152	156
Southern District
Western District
Total, N.S.W.	218	117	142	168	137	257	149	133	152	156
Underground and Open Cut Mines										
Northern District	8,835	7,976	7,399	6,233	6,043	9,826	8,037	7,812	6,791	6,373
Southern District	4,359	4,218	4,465	4,661	4,709	4,453	4,311	4,414	4,696	4,680
Western District	1,155	1,071	1,042	985	920	1,184	1,097	1,053	1,025	945
Total, N.S.W.	14,349	13,265	12,906	11,879	11,672	15,463	13,445	13,279	12,512	11,998

No. 18. Underground Coal Mines Classified according to Gross Output, 1962

Gross Output	Northern District			Southern District			Western District			New South Wales		
	Number of Mines	Average Number of Persons Employed during Year *	Gross Output	Number of Mines	Average Number of Persons Employed during Year *	Gross Output	Number of Mines	Average Number of Persons Employed during Year *	Gross Output	Number of Mines	Average Number of Persons Employed during Year *	Gross Output
Tons			Thous. tons			Thous. tons			Thous. tons			Thous. tons
1 to 10,000	10	113	39	2	22	13	2	13	16	14	148	68
10,001 to 50,000	11	252	270	3	69	86	8	110	228	22	431	584
50,001 to 100,000	4	196	284	3	238	211	2	49	132	9	483	627
100,001 to 200,000	6	663	828	3	462	448	4	294	538	13	1,419	1,814
200,001 to 400,000	16	2,946	4,778	9	1,175	2,264	2	454	604	27	4,575	7,646
Over 400,000	5	1,964	3,025	7	2,655	4,432	12	4,619	7,457
Total	52	6,134	9,224	27	4,621	7,454	18	920	1,518	97	11,675	18,196

* Excludes persons employed in non-producing developmental mines and in central screening and washing plants at rail sidings (83 in Northern District, 59 in Southern District, and 25 in Western District).

No. 19. Production, Consumption, and Stocks of Coal in New South Wales, 1952 to 1962

Year	Total Production	Mine Washery Refuse, etc.	Exports *		Available for Consumption in N.S.W. †	Changes in Stocks Held in N.S.W.		Actual Consumption in N.S.W.	Stocks on Hand at end of Year
			Oversea Countries	Other Australian States		Held at Mines, in Transit, etc.	Held by Consumers		
Thousand tons									
1952	15,022	54	223	2,837	11,908	(+) 777	(+) 493	10,638	2,480
1953	14,174	125	411	2,487	11,151	(+) 104	(—) 35	11,082	2,549
1954	15,083	229	396	2,567	11,891	(+) 68	(+) 205	11,618	2,822
1955	14,736	244	255	2,579	11,658	(—) 54	(+) 104	11,608	2,872
1956	14,810	237	303	2,240	12,030	(+) 167	(+) 19	11,844	3,058
1957	15,390	355	768	2,095	12,172	(+) 142	(+) 61	11,969	3,261
1958	15,851	614	811	1,996	12,430	(+) 423	(+) 13	11,994	3,697
1959	15,712	810	765	2,113	12,024	(—) 486	(—) 211	12,721	3,000
1960	17,737	1,009	1,554	1,868	13,306	(+) 75	(+) 108	13,123	3,183
1961	19,021	1,205	2,590	1,537	13,689	(+) 43	(+) 307	13,339	3,533
1962	19,030	1,322	2,738	1,360	13,610	(+) 525	(—) 241	13,326	3,828

* Cargo and bunker coal.

† Total production, less washery refuse discarded and coal exported.

No. 20. Consumption of Coal in N.S.W.: Principal Consumers, 1951-52 to 1961-62

Year ended 30th June	Factories								Government Railway Locomotives	Total, Factories and Government Railway Locomotives
	Electricity Generating Stations	Gas Works*	Steel Works and Coke Works*	Cement Works	Brick, Tile, and Pottery Works	Glass and Glass Bottle Works	Other Factories	Total, Factories		
	Thousand tons									
1952	2,954	931	3,074	270	304	111	991	8,635	1,448	10,083
1953	2,952	947	3,346	325	286	91	907	8,854	1,388	10,242
1954	3,187	947	3,508	324	336	96	969	9,367	1,478	10,845
1955	3,406	986	3,568	321	317	67	971	9,636	1,501	11,137
1956	3,579	947	3,354	352	319	80	926	9,557	1,523	11,080
1957	3,787	919	3,778	343	299	134	832	10,092	1,373	11,465
1958	4,030	846	3,942	415	301	124	808	10,466	1,125	11,591
1959	4,135	829	3,986	380	321	134	827	10,612	1,009	11,621
1960	4,328	848	4,353	428	340	130	820	11,247	1,021	12,268
1961	4,369	845	5,055	440	348	135	789	11,981	980	12,961
1962	4,406	796	5,181	400	332	132	773	12,020	798	12,818

* Includes coal consumed as raw material.

No. 21. Exports of Coal from New South Wales, 1952 to 1962

Year	Interstate Exports						Oversea Exports							
	Cargo Coal				Bunker Coal	Total, Interstate	Cargo Coal						Bunker Coal	Total, Oversea
	Victoria	South Australia	Other States	Total			New Caledonia	Japan	Korea	Argentina	Other	Total		
Thousand tons														
1952	1,489	1,001	130	2,620	217	2,837	129	24	153	70	223
1953	1,264	895	106	2,265	222	2,487	138	55	125	...	35	353	58	411
1954	1,267	948	116	2,331	236	2,567	163	...	169	...	26	358	38	396
1955	1,244	992	134	2,370	209	2,579	168	9	7	...	29	213	42	255
1956	1,116	813	132	2,061	179	2,240	157	27	62	...	32	278	25	303
1957	943	883	97	1,923	172	2,095	182	451	85	...	38	756	12	768
1958	962	773	94	1,829	167	1,996	143	361	163	111	18	796	15	811
1959	1,046	822	73	1,941	172	2,113	145	493	22	84	19	763	2	765
1960	895	751	95	1,741	127	1,868	131	1,373	40	...	10	1,554	...	1,554
1961	817*	516	77	1,410*	127*	1,537	72	2,387	37	...	94	2,590	...	2,590
1962	689	490	84	1,263	97	1,360	36	2,521	55	...	126	2,738	...	2,738

* Revised.

No. 22. Average Value of Coal per ton at Pit-top*, 1939 to 1962

Year	Northern District	Southern District	Western District	New South Wales	Year	Northern District	Southern District	Western District	New South Wales
	s. d.	s. d.	s. d.	s. d.		s. d.	s. d.	s. d.	s. d.
1939	12 7	14 5	10 8	12 8	1957	58 3	55 7	50 7	56 9
1952	62 3	60 3	56 7	61 2	1958	56 1	55 0	47 5	54 10
1953	62 1	61 0	56 9	61 1	1959	52 5	54 4	47 6	52 7
1954	60 3	59 0	57 3	59 7	1960	51 11	55 11†	48 1	52 8
1955	59 11	58 10	55 9	59 2	1961	51 5	55 1†	46 9	52 3
1956	59 3	58 1	55 1	58 6	1962	51 3	52 9	44 4	51 2

* Based on value of saleable coal at pit-top (or at screens or mine-washeries where these are situated at a distance from the mines). This excludes miners' coal, coal consumed at collieries, and refuse discarded at mine-washeries. Coal won by producer-consumers is also excluded, and only the actual sales from coal stocks held at grass by the Commonwealth Government have been taken to account.

† Revised.

No. 23. Mining Accidents, 1952 to 1962

Year	Number of Casualties										Rate per 1,000 Persons Employed			
	Persons Killed					Persons Injured *					Killed		Injured *	
	Coal and Shale Mining	Gold Mining	Silver-Lead-Zinc Mining	Other Mining and Quarrying	Total Killed	Coal and Shale Mining	Gold Mining	Silver-Lead-Zinc Mining	Other Mining and Quarrying	Total Injured	Coal and Shale Mining	Other Industries	Coal and Shale Mining	Other Industries
1952	13	...	1	2	16	93	1	254	16	364	0.63	0.28	4.53	25.49
1953	15	...	2	1	18	79	2	229	9	319	0.76	0.29	3.98	23.52
1954	15	...	3	1	19	88	...	256	24	368	0.75	0.41	4.42	28.41
1955	22	...	4	4	30	87	4	277	29	397	1.14	0.78	4.50	30.20
1956	18	...	5	3	26	107	2	300	37	446	0.99	0.75	5.86	31.89
1957	13	...	8	1	22	68	...	273	56	397	0.77	0.83	4.01	30.22
1958	11	...	5	4	20	86	...	310	47	443	0.72	0.91	5.59	36.26
1959	9	...	6	5	20	73	...	315	51	439	0.67	1.22	5.44	39.71
1960	14	...	2	1	17	69	...	216	46	331	1.06	0.33	5.21	28.56
1961	8	...	3	3	14	67	...	266	51	384	0.64	0.65	5.34	34.14
1962	17	...	1	3	21	55	...	229	53	337	1.42	0.44	4.58	30.84

* For coal and shale mining, the figures relate to injuries caused by explosions or electricity and serious injuries from all other causes. For other industries, the figures relate to injuries causing incapacity for over 14 days.

No. 24. State Revenue from Mining, 1952-53 to 1962-63

Year ended 30th June	Royalty on Minerals				Royalty Repayments †	Net Royalty	Mining Leases	Other Receipts *	Net Receipts
	Coal	Silver, Lead and Zinc	Gold and Other Minerals	Total Royalty					
	£	£	£	£	£	£	£	£	£
1953	389,690	2,055,522	33,606	2,478,818	29,572	2,449,246	19,480	2,754	2,471,480
1954	390,172	462,753	34,224	887,149	46,650	840,499	19,755	5,144	865,398
1955	435,612	1,137,095	45,619	1,618,326	28,524	1,589,802	19,477	7,883	1,617,162
1956	433,340	1,907,403	52,813	2,393,556	9,474	2,384,082	19,758	17,749	2,421,589
1957	446,855	2,158,312	100,907	2,706,074	25,115	2,680,959	24,617	32,514	2,738,090
1958	456,261	1,417,876	167,960	2,042,097	34,277	2,007,820	18,587	17,457	2,043,864
1959	459,157	176,073	113,062	748,292	38,135	710,157	20,576	12,412	743,145
1960	449,479	335,171	105,826	890,476	68,935	821,541	19,237	24,868	865,646
1961	533,511	647,470	95,599	1,276,580	19,628	1,256,952	22,319	41,260	1,320,531
1962	591,635	805,714	107,091	1,504,440	53,573	1,450,867	22,830	39,402	1,513,099
1963	611,678	135,654	131,903	879,235	62,415	816,820	18,429	36,657	871,906

* Includes fees for Miner's Rights and Business Licences.

† Royalty in regard to mining on private lands held without reservation of minerals to the Crown is collected by the Mines Department on behalf of the owner.